



<http://www.cookcountyil.gov/building-and-zoning>

ABOVE GROUND POOL PERMIT REQUIREMENTS

Please address the following requirements with respect to your permit application. The department of Building and Zoning now requires digital submissions for all applications and supporting documents. Applicants that have digital files 10MB or less are encouraged to email their submittals to: Intake.bnz@cookcountyil.gov. If your submittal is larger, we accept an electronic copy on flash drive or CD (PDF format). Once you receive your permit review number, please submit by mail the deposit fee (1/10th of 1% of the estimated cost of work or \$25.00 whichever is greater). Checks (with the permit review number noted) should be mailed to the department at the address above, and made payable to the Cook County Collector.

Definition

A private residential above ground swimming pool shall mean a manmade rigid or semi-rigid structure, basin or receptacle for water having a depth in excess of 24 inches or more at any point or with a surface area exceeding 250 square feet (17.11-15), whose framework is installed primarily above ground elevation. The intended use of a private residential above ground pool shall be for swimming, wading or bathing exclusively by the home owner or occupant of the land or premise, his family and guests.

Private Swimming Pool Requirements

1. **Plat of survey** not less than (5) years old; sealed and certified by an Illinois Registered Land Surveyor.
2. **Site Plan** showing:
 - Location of residence
 - Location of any accessory structures (sheds, decks, etc.).
 - Location of proposed pool with dimensioned distance from lot lines.
 - Sources of water, electric and sewage utilities; if septic, show field and tank locations
 - Method of connecting and discharging pool
 - Location of Electrical Service
3. Manufacturers' **Drawings and Specifications** of above ground pool. Sealed or certified architectural or engineer plans may be required for above ground pools that have elaborate structural attachments. Note all decks, porches or balconies require a minimum design load of 100 psf.
4. Call the Cook County Public Health Department (847-818-2841) for their questionnaire and seven (4) complete sets of the above data must be submitted and approved by: Cook County Public Health Department, 2121 Euclid Avenue, Room 250, Rolling Meadows, IL 60008, 847-818-2841.
<http://www.cookcountypublichealth.org/permits-and-licensing>
5. After approval by the Cook County Public Health Department, submit the permit application and plans to the Cook County Department of Building and Zoning for approval. See Pool permit requirements below:
 - Any pool 24 inches or more in depth must comply.
 - Pool and equipment must be more than ten feet from a property line.
 - Pool must be constructed of concrete, steel or other approved material.
 - Pool must have impervious surface.
 - Pool must be enclosed on all four sides with minimum four feet high non-climbable fence or other approved means to prohibit unauthorized access.
 - All gates in fence must be self-closing and self-latching with latch at least four feet above grade.
 - Ladders or steps must be at least three inches wide with handrails.
 - Decks must slope away from pool in all directions minimum ¼ inch/foot or some method to prohibit runoff from entering pool must be provided.
 - Deck minimum design live load is 100 psf.
6. A signed letter of intent from an electrical contractor.



ABOVE GROUND POOL PERMIT REQUIREMENTS [CONTINUED]

Electrical Requirements Portable Pool Specifications

1. Except as modified by the following requirements, wiring and equipment adjacent to above ground pools shall comply with the applicable requirements of sections 87-100 to 87-480 of the Chicago Electrical Code. All electrical equipment shall be tested and approved by a standard testing laboratory of National Status equal or greater than those performed by a standard testing laboratory of National Status equal or greater than those performed by the Underwriter's Laboratories.
2. Manufacturers' specifications must include a three wire grounded, one piece molded cord with a continuous three wire molded attachment cap.
3. Minimum wire size will be #14 gauge or larger subject to the capacity of the filter, motor, pool sweeps, etc.
4. The length of the molded cord shall be twenty feet and a maximum of twenty-five feet in length.
2. All conductors, devices and equipment installed in conjunction with an above ground swimming pool shall be protected by a ground fault interruption device.
3. No general use receptacle of any type shall be used within a fifteen-foot perimeter of the pool.
4. No lighting of any type shall be used within a fifteen-foot perimeter of the pool.
5. Clearances: Service drop conductors and other open overhead wiring shall not be installed above the swimming pool, nor shall it cross the swimming pool, or the surrounding areas extending ten feet horizontally from pool's edge, diving structure, observation stands, towers or platform.
6. Circuit or circuits servicing portable pools must be protected by a ground-fault interrupter switch.

Plumbing Requirements Portable Pool Specifications

1. Water for the pool shall be from a potable source.
2. The source of the water supply to the pool shall be equipped with approved back-flow connection. If a hose connection from a sill cock or the plumbing fixture to be housed for supplying makeup water, then an approved vacuum breaker shall be installed at the sill cock or fixture.
3. Rigid or flexible polyethylene pool piping must be approved by the National Sanitation Foundation and the pipe stamped N.S.F.
4. Water discharge from the pool will not be permitted to septic tanks or septic fields.
5. General requirements for private pools Section 17.11 "Private Pools" shall be enforced.

For digital submission of application and supporting documents, please refer to our web site:

<http://www.cookcountyil.gov/building-and-zoning>

Important Links:

[Procedures for the New Permitting Processing System](#)
[Cook County Building Permit Application](#)